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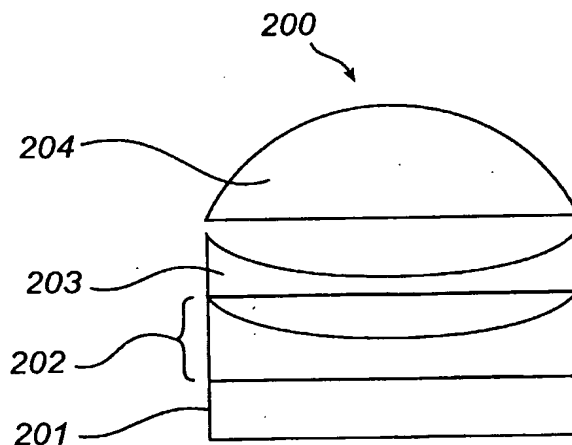
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(54) Title: CAMERA ARRANGEMENT, MOBILE PHONE COMPRISING A CAMERA ARRANGEMENT, METHOD OF MANUFACTURING A CAMERA ARRANGEMENT



(57) Abstract: The present invention relates to a camera arrangement as for instance used in a mobile phone that utilizes a liquid crystal based lens for providing an adjustable depth of focus. The camera arrangement comprises a photo sensor (201) array and at least two lenses (202, 203, 204) that are arranged in a fixed and unitary arrangement. At least one of the lenses (202) comprises a liquid crystal layer (101) that provides for adjustable focal length in that lens. The additional lens(-es) (203, 204) might have fixed or adjustable focal length depending on the application. According to one embodiment, the camera arrangement comprises at least one additional adjustable lens and the lenses are arranged so as to provide for adjustable depth of focus as well as for an adjustable depth of field.

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